

Contributors to This Issue

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W. R. BENNETT, B.S., Oregon State College, 1925; A.M., Columbia University, 1928. Bell Telephone Laboratories, 1925-. Mr. Bennett has been active in the design and testing of multichannel communication systems, particularly with regard to modulation processes and the effects of nonlinear distortion. He is now engaged in research on various transmission problems.

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CONYERS HERRING, A.B., University of Kansas, 1933; Ph.D., Princeton University, 1937; National Research Fellow, Massachusetts Institute of Technology, 1937-39; Instructor in Mathematics and Research Associate in Mathematical Physics, Princeton University, 1939-40; Instructor in Physics, University of Missouri, 1940-41; Columbia University Division of War Research, 1941-45; Professor of Applied Mathematics, University of Texas, 1946. Bell Telephone Laboratories, 1945-. Dr. Herring has been engaged in theoretical problems in the fields of solid state physics and electron emission.

R. J. KIRCHER, B.S. in E.E., California Institute of Technology, 1929; M.S., Stevens Institute of Technology, 1941. Bell Telephone Laboratories,

1929-. Mr. Kircher was engaged in radar and counter measures projects during the war. Electronic Apparatus Development Department since 1944. Transistor Development Group since 1948.

G. L. PEARSON, A.B., Willamette University, 1926; M.A. in Physics, Stanford University, 1929. Bell Telephone Laboratories, 1929-. Mr. Pearson is in the Physical Research Department where he has been engaged in the study of noise in electric circuits and the properties of electronic semi-conductors.

ROBERT M. RYDER, Yale University, B.S. in Physics, 1937; Ph.D., 1940. Bell Telephone Laboratories, 1940-. Dr. Ryder joined the Laboratories to work on microwave amplifier circuits, and during most of the war was a member of a group engaged in studying the signal-to-noise performance of radars. In 1945 he transferred to the Electronic Development Department to work on microwave oscillator and amplifier tubes for radar and radio relay applications. He is now in a group engaged in the development of transistors.

W. SHOCKLEY, B.Sc., California Institute of Technology, 1932; Ph.D., Massachusetts Institute of Technology, 1936. Bell Telephone Laboratories, 1936-. Dr. Shockley's work in the Laboratories has been concerned with problems in solid state physics.